



Forma 5

Sense

TECHNICAL FEATURES

Task swivel chair with high mesh backrest, optional headrest. Optional lumbar support (with asymmetrical lumbar adjustment). The chair can be without arms, with fixed arms or with adjustable arms 1D, 3D y 4D.



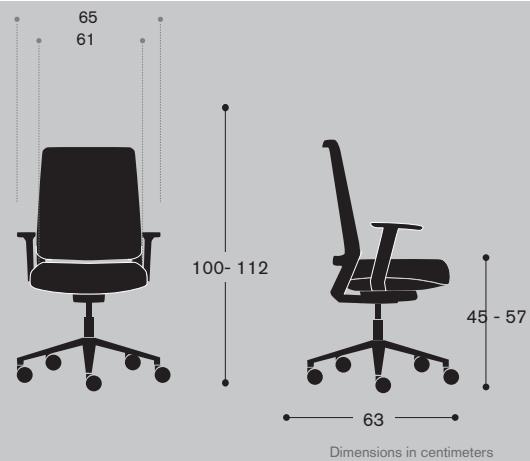
SWIVEL CHAIR | MESH BACKREST



DIMENSIONS

Height	100 - 112 cm
Seat height	45 - 57 cm
Width (without arms/ with arms)	61 / 65 cm
Depth	63 cm
Fabric meters	0,55 m
Weight (without arms / with arms)	14,15 Kg

* These minimum and maximum dimensions depend on the chosen configuration.
Please ask for concrete values in case you need them.



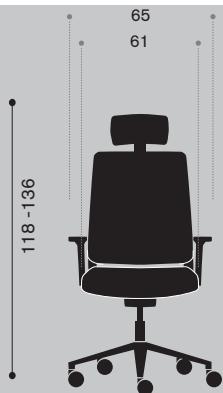
SWIVEL CHAIR | MESH BACKREST WITH HEADREST



DIMENSIONS

Height	118 - 136 cm
Seat height	45 - 57 cm
Width (without arms/ with arms)	61/ 65 cm
Depth	63 cm
Fabric meters	0,65 m
Weight (without arms / with arms)	14,85 Kg

* These minimum and maximum dimensions depend on the chosen configuration.
Please ask for concrete values in case you need them.



Dimensions in centimeters

ELEMENTS DESCRIPTION: SWIVEL CHAIRS

MESH BACKREST

Rectangular polyamide back frame and polypropylene front frame that supports a breathable technical mesh (Meci) backrest.

Optional height adjustable headrest (60 mm adjustment with 7 setpoints) and inclination (tilt angle 125° and 5 positions that increase or decrease 25 ° each) made of upholstered polyurethane foam. The headrest consists of a polyamide bracket and polypropylene plate incorporates a polyurethane foam density 70 kg/m³ and is upholstered in the same fabric and color as the seat.



Mesh backrest with asymmetric lumbar adjustment

LUMBAR SUPPORT

Formed by separate pieces of polypropylene, vertically adjustable and the possibility of asymmetric adjustment ensuring permanent contact in the lower back. The pieces generate a tension in the mesh which is the working principle of the system.



Asymmetric lumbar support

SEAT

It is formed by a wooden particle structure, which is injected in a 14 mm thick metal mold and drilled to fix the arms and the mechanism. A polyurethane flexible foam layer is over-injected on the wooden support and is later on upholstered. The foam is 45 mm thick and has a 65 kg/m³ density. It is finished with a 3 mm thick polypropylene shell at the inner side.



Seat and Synchro Atom mechanism



Seat and Synchro Motion mechanism

ARMS

Arms are optional. The chair can be ordered without arms. These arms have ergonomic features to provide a better comfort. 2 options provided:

Fixed arms: polypropylene "T" shape. Dimensions: 270 x 80 mm.



Fixed arm



1D adjustable arm

1D adjustable arms: height, depth and turn. Injected aluminium structure and polypropylene arm pads. Dimensions: 250 x 90 mm.



3D adjustable arm



4D adjustable arm

3D adjustable arms: height, depth and turn. Injected aluminium structure and polypropylene arm pads. Dimensions: 250 x 90 mm.

4D adjustable arms: height, depth, width and turn. Injected aluminium structure and polypropylene arm pads. Dimensions: 235 x 105 mm.

ELEMENTS DESCRIPTION: SWIVEL CHAIRS

MECHANISM [swivel chairs]



SYNCHRO ATOM: rotation of the backrest relative to the seat, with the rotation center located above the seat surface, ensuring an optimal movement during the reclination. Height adjustment by a handle. The mechanism tension adapts automatically to the weight of the user (for people between 45 and 110 kg). The backrest may be fixed by using a handle. As option, there are five different positions to adjust the seat depth or Trasla.



SYNCHRO MOTION: 24° backrest leaning and 10° on the seat. Backrest leaning and seat rotation according to a 2,4:1 fixed ratio. Backrest tension or hardness adjustment. Easy adjustment with only two turns. The resistance of the knob is constant, regardless of reduce or increase the tension. Infinite tension positions of the backrest for an optimal adjustment to users between 45 and 120 kg. Forward rotation axis that prevents pressure on the user's legs. 5 blocking positions of the backrest with anti-return protection. Discrete aesthetic that favors the chair.

BASE



Polyamide straight



Polished aluminium pyramidal



White painted aluminium pyramidal

STRAIGHT: Polyamide flat straight lines. 35 cm external radius and 30 cm caster axis. It is formed by 5 rectangular branches with a star shape and black polyamide double wheel casters. 360° turn to move in all directions.

POLISHED OR WHITE ALUMINIUM PYRAMIDAL: 38 cm external radius and 32 cm caster axis. It is formed by 5 flat upper side branches with a star shape and black double wheel casters. 360° turn to move in all directions.

FLOOR SUPPORT

Two options for floor support:



Double-wheel
65 mm



Soft double-wheel
65 mm

UPHOLSTERY

Seat available for all the fabrics range of Forma 5, including a wide range of fabrics (yarn, fireproof fabrics) and leathers.

Backrest available with mesh or all the range of Forma 5 fabrics. Consult fabrics brochure and Forma 5 Pricelist.

The Group 1, 2, 3 and 5 fabrics of Forma 5 are supplied by the manufacturer company Camira. Although our fabrics brochure includes a selection of the Camira fabrics, if the customer requires another specific, Forma 5 will upholster any of its fabrics in any fabric from Camira catalog.

PACKING

The chair goes assembled and protected with a plastic packing. Optional cardboard packing. Consult us.

ERGONOMICS

TAKING CARE OF OUR BODY DOES NOT ONLY DEPEND ON GOOD NUTRITIONAL HABITS AND SPORT. THERE ARE OTHER FACTORS THAT CAN INFLUENCE HEALTH, LIKE A CORRECT POSITION AT THE WORKSTATION. FOR THIS REASON, TO KEEP THE BODY IN A GOOD SHAPE AND FREE OF PHYSICAL DISORDERS IS NECESSARY TO HAVE GOOD FURNITURE AND USE IT CORRECTLY.

CHAIR WITH HEIGHT ADJUSTMENT



Chairs should have an option to lift or lower the seat's height, through a mechanical or a pneumatic system. The position will be the correct one, when the feet rest firmly on the floor and the thighs remain in a horizontal position. The mechanism should be easily accessible from a seating position.

SEAT AND BACKREST LEANING



The chair should include a mechanism to control the seat leaning movement and keep a well-balanced position at work. The synchro system is the most extended one, but there are other versions which are more advanced, like the Atom synchro. This last one is Forma 5 exclusive and it self-adjusts to the user's weight

LUMBAR ADJUSTMENT



Many chairs are designed with an adjustable back support. It is very suitable that this backrest may regulate the movements to the front and to the back, allowing to free or block the mechanism as desired. Many chairs also include a mechanism to adjust the chair curve to that of the back, providing a better comfort to the user.



5 BRANCHES BASE

To facilitate a movement with less effort and to provide the chair stability and firmness, the base should have 5 support points for the casters.

SEAT CONSISTENCY



We spend a long time on the seat, so this one should provide firmness and adapt to the user's features. Both the high density foam and the injected foam are very resistant, durable and comfortable.



ADJUSTABLE ARMS

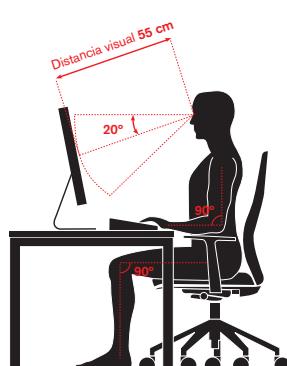
El apoyo de los brazos es fundamental para mantener una buena postura y no sobrecargar los brazos, además de servir para tomar asiento y levantarse del mismo.



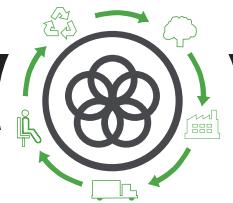
UPHOLSTERY

The upholstery should be chosen depending on the chair location and the environmental conditions.

CONSIDERING THE ABOVE MENTIONED ADVICES, HERE ARE SOME COMMENTS ABOUT THE POSITION TO BE ADOPTED WHILE SEATING AT WORK



- ① The distance between the screen and the eyes should be at least 55 centimeters. The screen should also be located in front of the used and not on one side.
- ② The upper side of the screen should be located at eye level.
- ③ Thighs should be horizontal regarding the seat and the feet should rest firmly on the floor, having enough space below the desk.
- ④ Breaks should be done often for muscle stretching and moving, changing the position every once in a while.
- ⑤ Eyes should rest often, so that we do not get eyestrain. For example, focusing on different places and distant objects.



Life Cycle Analysis SENSE PROGRAM



RAW MATERIALS		
Raw Material	Kg	%
Steel	9,18 Kg	45%
Plastic	4,69 Kg	23%
Aluminium	3,26 Kg	16%
Wood	2,45 Kg	3 %
Uphols./Fulling	0,816 Kg	4 %

% Recycled materials= 49%
% Recyclable materials= 94%

Ecodesign

Results reached during the life cycle stages



MATERIALS

Steel

15%-99% recycled material.

Aluminium

60% recycled material.

Plastic

30%-40% recycled material.

Staff material

Without HCFC and certified by Okotext.

Upholsteries

Without COV emissions and certified by Okotext.

Packings

100% recyclable with inks with no solvents.

PRODUCT ENVIRONMENTAL STATEMENT



PRODUCTION

Raw materials use optimization

Board, upholstery and steel tubes cut.

Renewable energies use

reducing the CO₂ emissions. (Photovoltaic panels)

Energy saving measures

in all production process

COV global emission reduction

of the production processes by 70%.

Glue removal from the upholstery

The facilities

have an internal sewage for liquid waste.

Green points

at the factory

100% waste recycling

at production process and dangerous waste special treatment.



TRANSPORT

Cardboard use optimization

of the packings

Cardboard and packing materials use reduction

Flat packings and small bulks

to optimize the space.

Solid waste compacter

which reduces transport and emissions.

Light volumes and weights

Transport fleet renewal

reducing by 28% the fuel consumption.

Suppliers area reduction

Local market power and less pollution at transport.



USE

Easy maintenance and cleaning

without solvents.

Forma 5 provides a 2 year guarantee

and up to 10 years for big projects.

The highest quality

for materials to provide a 10 year average life of the product.

Useful life optimization

of the product due to a standarized and modular design.



END LIFE

Easy unpacking

for the recyclability or compound reuse.

Piece standarization

for the use.

Recycled materials used for products

(% recyclability):

Wood is 100% recyclable.

Steel is 100% recyclable.

Aluminium is 100% recyclable.

Plastics are from 70 to 100% recyclable.

With no air or water pollution

while removing waste.

Returnable, recyclable and reusable packing

Product recyclability 94%

CHAIR MAINTENANCE AND CLEANING GUIDE

LINES FOR A CORRECT CHAIR CLEANING AND MAINTENANCE, CONSIDERING THE DIFFERENT MATERIALS:

FABRICS

- ① Vacuum often
- ② Rub the dirty spot with a wet cloth with PH neutral soap.
Test first on a hidden spot.
- ③ Dry foam for carpets can be alternatively used.

METAL PIECES

- ① Rub the dirty spots with a wet cloth with PH neutral soap.
- ② Polished aluminium pieces can have their polish back by covering and rubbing them with a dry cotton cloth.

PLASTIC PIECES

Rub the dirty spots with a wet cloth with PH neutral soap.

Do not use abrasive products in any case.

